

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120120AL\
 Data File : FC051049.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2020 21:35
 Operator : DD\AJ
 Sample : L4909-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Integration File: autoint1.e
 Quant Time: Dec 02 00:59:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.032	1990869	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.350	2565538	24.108 ug/ml
2) T n-Decane (C10)	4.419	3131376	29.483 ug/ml
4) T n-Dodecane (C12)	6.439	3893204	35.781 ug/ml
6) T n-Tetradecane (C14)	8.236	4262849	39.398 ug/ml
7) T n-Hexadecane (C16)	9.838	4417922	41.168 ug/ml
8) T n-Octadecane (C18)	11.280	4559283	39.974 ug/ml
10) T n-Eicosane (C20)	12.588	4459783	38.390 ug/ml
11) T n-Heneicosane (C21)	13.200	4423655	38.180 ug/ml
13) T n-Docosane (C22)	13.786	4356859	37.617 ug/ml
14) T n-Tetracosane (C24)	14.888	4244417	36.905 ug/ml
15) T n-Hexacosane (C26)	15.908	4126685	36.650 ug/ml
16) T n-Octacosane (C28)	16.857	4082297	36.868 ug/ml
17) T n-Tricontane (C30)	17.743	4017854	37.824 ug/ml
18) T n-Dotriacontane (C32)	18.576	3918458	40.103 ug/ml
19) T n-Tetratriacontane (C34)	19.357	3726698	41.756 ug/ml
20) T n-Hexatriacontane (C36)	20.095	3265829	39.157 ug/ml
21) T n-Octatriacontane (C38)	20.837	2972440	38.169 ug/ml
22) T n-Tetracontane (C40)	21.758	2926476	35.345 ug/ml

(f)=RT Delta > 1/2 Window

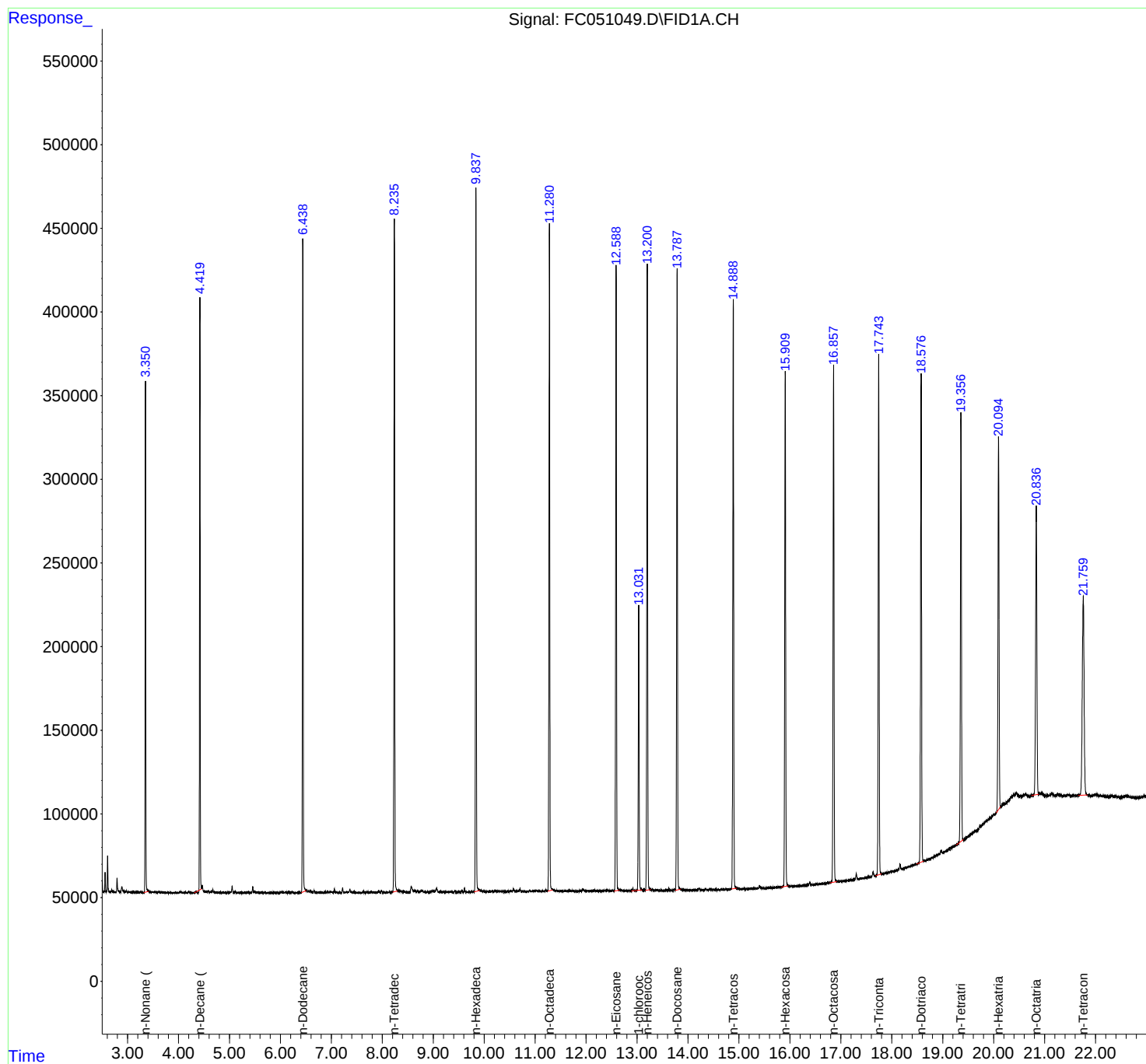
(m)=manual int.

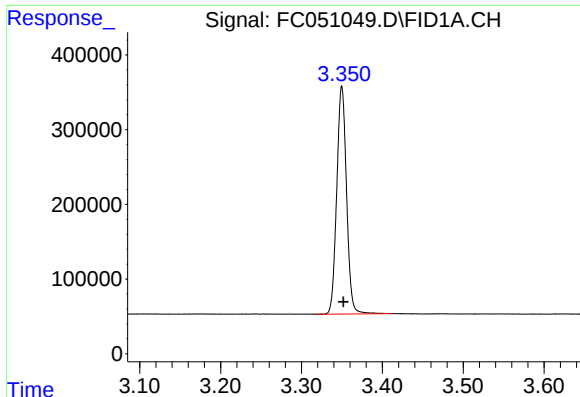
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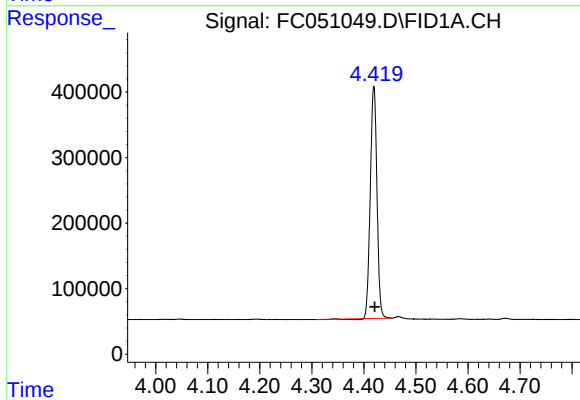




#1 n-Nonane (C9)

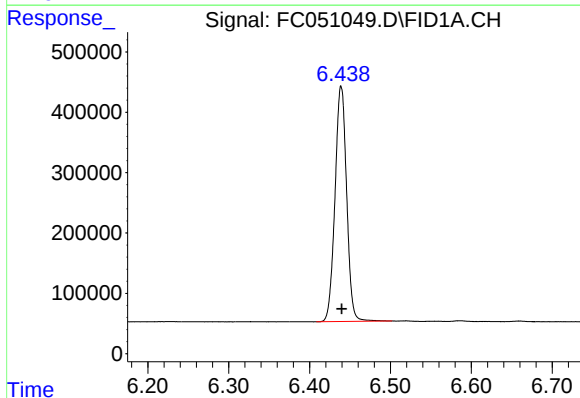
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 2565538
Conc: 24.11 ug/ml

Instrument :
FID_C
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-



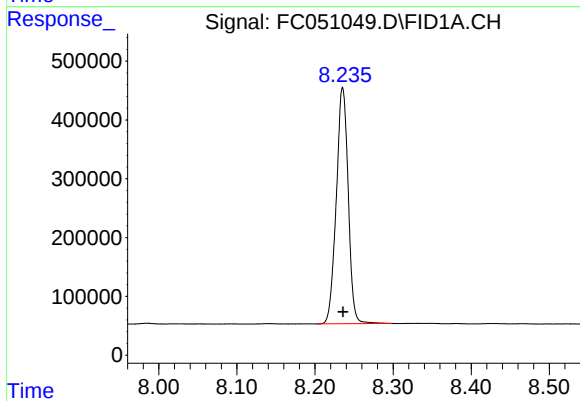
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 3131376
Conc: 29.48 ug/ml



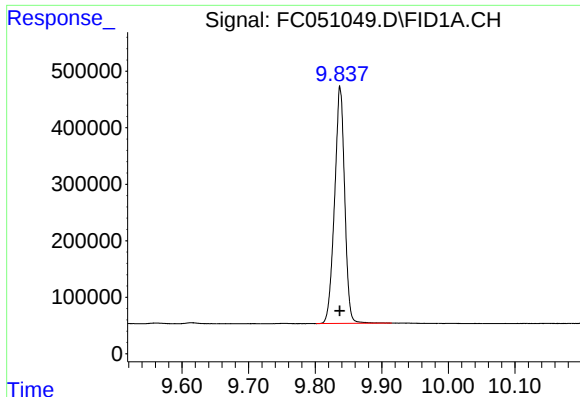
#4 n-Dodecane (C12)

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 3893204
Conc: 35.78 ug/ml



#6 n-Tetradecane (C14)

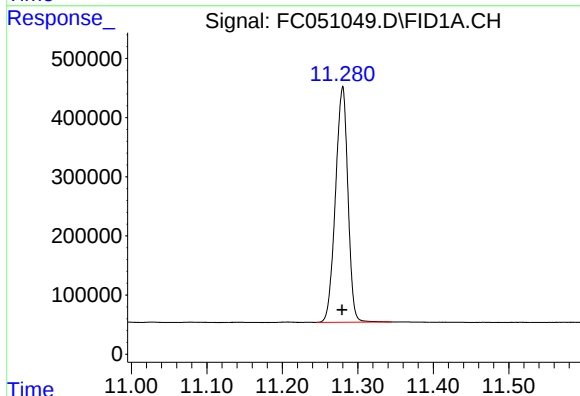
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 4262849
Conc: 39.40 ug/ml



#7 n-Hexadecane (C16)

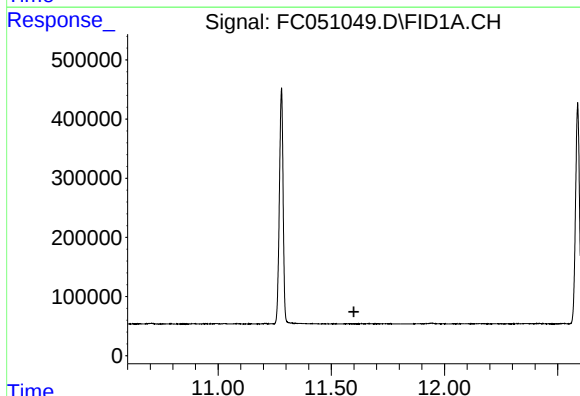
R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 4417922
Conc: 41.17 ug/ml

Instrument :
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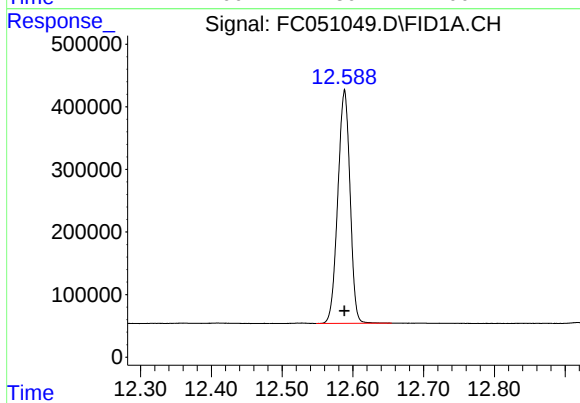
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 4559283
Conc: 39.97 ug/ml



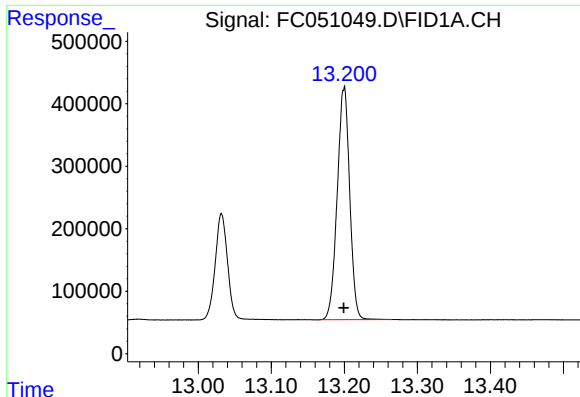
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.600 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

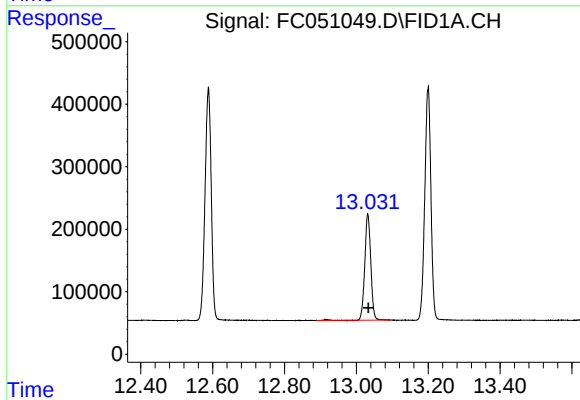
R.T.: 12.588 min
Delta R.T.: 0.000 min
Response: 4459783
Conc: 38.39 ug/ml



#11 n-Heneicosane (C21)

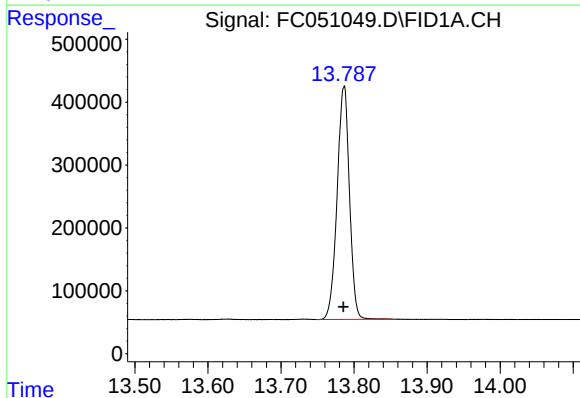
R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 4423655
Conc: 38.18 ug/ml

Instrument :
FID_C
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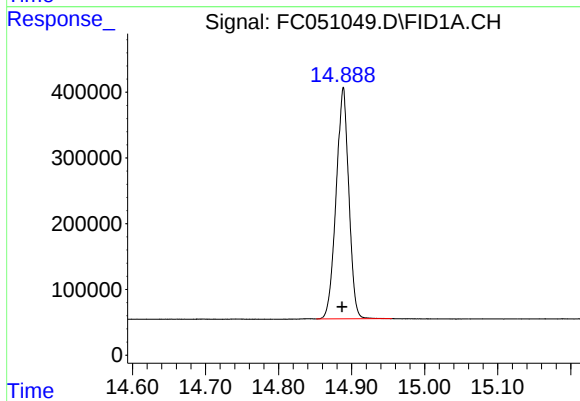
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.001 min
Response: 1990869
Conc: 20.41 ug/ml



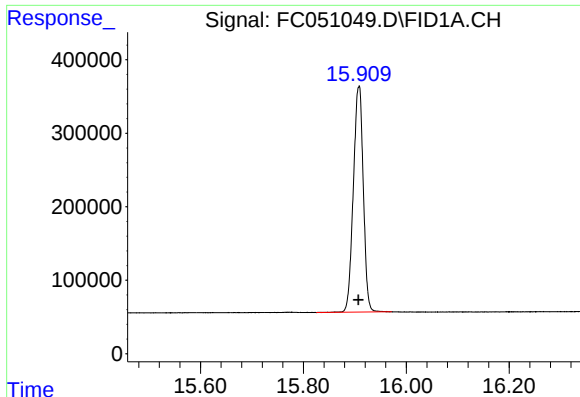
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: 0.000 min
Response: 4356859
Conc: 37.62 ug/ml



#14 n-Tetracosane (C24)

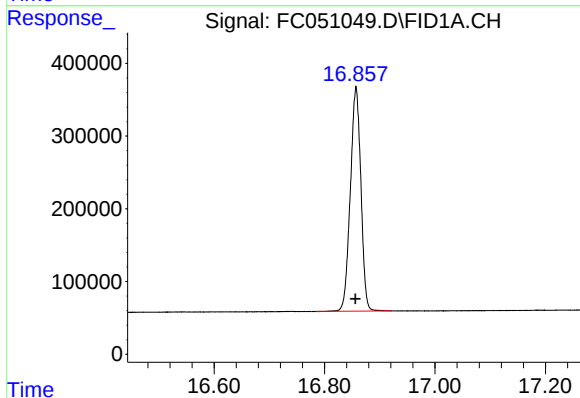
R.T.: 14.888 min
Delta R.T.: 0.001 min
Response: 4244417
Conc: 36.90 ug/ml



#15 n-Hexacosane (C26)

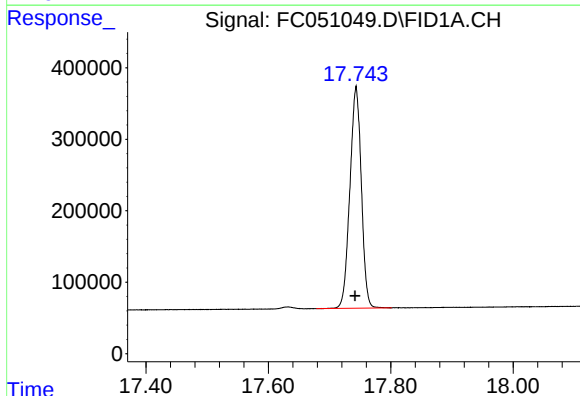
R.T.: 15.908 min
Delta R.T.: 0.000 min
Response: 4126685
Conc: 36.65 ug/ml

Instrument :
FID_C
ClientSampleId :
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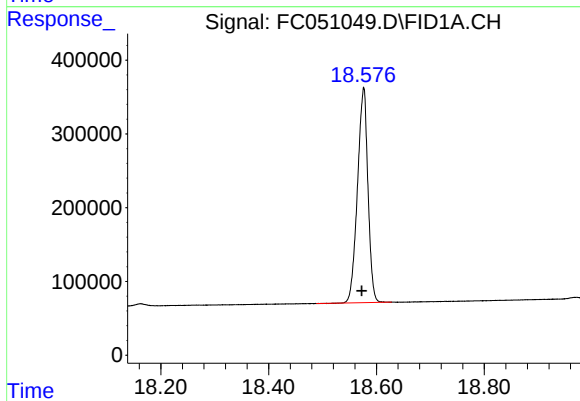
#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: 0.001 min
Response: 4082297
Conc: 36.87 ug/ml



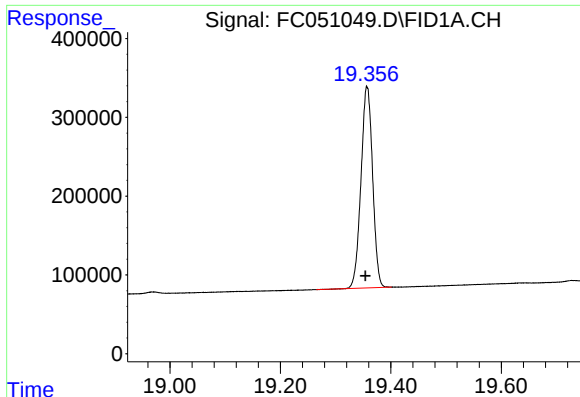
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: 0.001 min
Response: 4017854
Conc: 37.82 ug/ml



#18 n-Dotriacontane (C32)

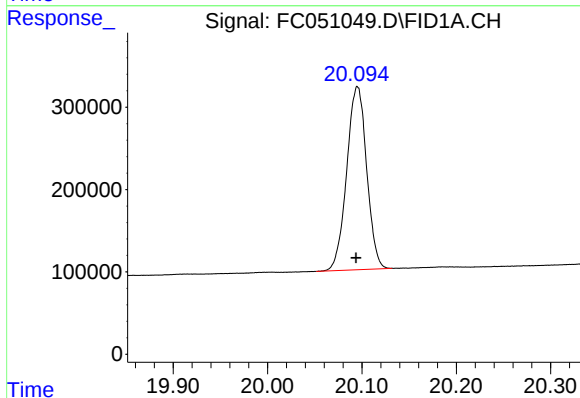
R.T.: 18.576 min
Delta R.T.: 0.003 min
Response: 3918458
Conc: 40.10 ug/ml



#19 n-Tetratriacontane (C34)

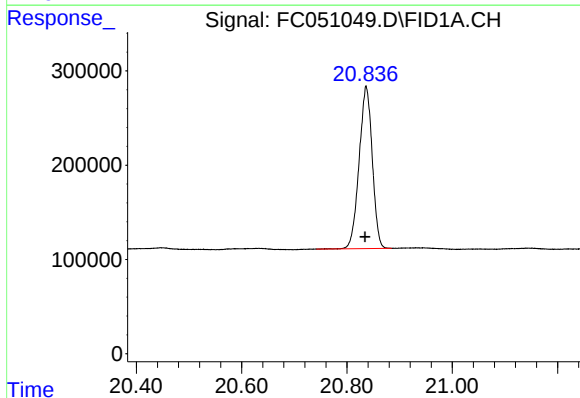
R.T.: 19.357 min
Delta R.T.: 0.003 min
Response: 3726698
Conc: 41.76 ug/ml

Instrument :
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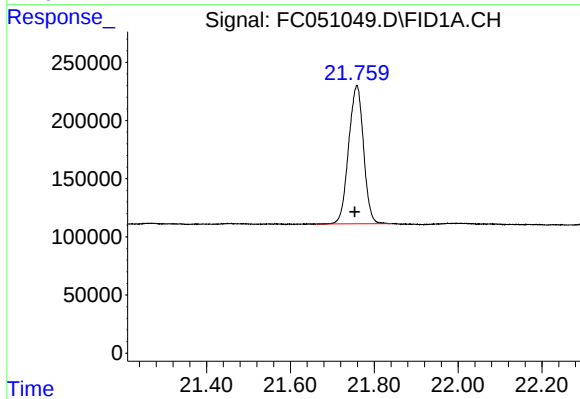
#20 n-Hexatriacontane (C36)

R.T.: 20.095 min
Delta R.T.: 0.001 min
Response: 3265829
Conc: 39.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.002 min
Response: 2972440
Conc: 38.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.758 min
Delta R.T.: 0.005 min
Response: 2926476
Conc: 35.34 ug/ml